

COLORADO RIVER RECOVERY PROGRAM
FY-2006–2007 PROPOSED SCOPE OF WORK for:
Salvage of fish from irrigation canals.

Project No.: C-29a

Lead Agency: Fish and Wildlife Service, CRFP, Grand Junction, CO

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Category:	Expected Funding Source:
<input checked="" type="checkbox"/> Ongoing project	<input checked="" type="checkbox"/> Annual funds
<input type="checkbox"/> Ongoing-revised project	<input type="checkbox"/> Capital funds
<input type="checkbox"/> Requested new project	<input type="checkbox"/> Other (explain)
<input type="checkbox"/> Unsolicited proposal	

I. Title of Proposal: Salvage of fish from Grand Valley Irrigation Company and Grand Valley Water Users Canals.

II. Relationship to RIPRAP:

Colorado River Action Plan: Mainstem

II.B.1.b. Screen GVIC diversion to prevent endangered fish entrainment.

II.B.3.b. Screen Government Highline diversion to prevent endangered fish entrainment.

III. Study Background/Rationale and Hypotheses:

A fish screen was constructed on the Grand Valley Irrigation Company (GVIC) irrigation canal in winter 2001 – 2002. However, the screen has not been run for a full season since its construction. A fish screen will be completed in the summer of 2005 for the Grand Valley Water Users Canal.

IV. Study Goals, Objectives, End Product:

Estimate the number of fish entrained in the GVIC and GVP canals. Return native fish to the Colorado River.

V. Study Area

GVIC and GVP irrigation canals, Grand Junction, Colorado

VI. Study Methods/Approach

The upstream portions of the main canals and major laterals that hold water after irrigation diversions are terminated will be sampled using a barge electrofishing system carried in the back of a pickup truck. The truck will travel the canal roads searching for pools of water that could still hold fish. When pools of water are found, crews will walk the canal using electrofishing probes and capture all fish possible. Native fish will be placed in a hatchery truck, transported to the Colorado River and released alive. Records of species and numbers of fish collected will be maintained.

VII. Task Description and Schedule

Task 1. Sample GVIC and GVP canals; November 2006 and 2007.

VIII. FY-2006 Work

- Deliverables/Due Dates
Sample canal, provide summary of fish collected — November, 2006
- Budget

Labor

Personnel	Weekly Salary	Weeks	Number	Total
Project Leader GS 14	2035	2	1	4,070.00
Administrative Officer GS 9	1332	1	1	1,332.00
Fishery Biologist GS 12	1846	2	3	11,076.00
Biological Technician GS 7	1030	2	3	6,180.00
				22,658.00

Equipment

Three vehicles, rental, gasoline, maintenance	600.00
Office supplies, phone, copy machine etc	500.00
	1,100.00
	23,758.00

FY-2007 Work (for multi-year study)
Sample canal, provide summary of fish collected — November, 2007

— Budget

Labor

Personnel	Weekly Salary	Weeks	Number	Total
Project Leader GS 14	2180		2	1 4,360.00
Administrative Officer GS 9	1365		1	1 1,365.00
Fishery Biologist GS 12	1965		2	3 11,790.00
Biological Technician GS 7	1088		2	3 6,528.00
				24,043.00

Equipment

Three vehicles, rental, gasoline, maintenance	700.00
Office supplies, phone, copy machine etc	600.00
	1,300.00
	25,343.00

IX. Budget Summary

FY-2006 \$23,758
FY-2007 \$25,343
Total: \$49,101

X. Reviewers

XI. References

* Do NOT include overhead costs on funds transferred from Reclamation to the Service.